Amendments to and Listing of the Claims:

Please cancel claims 1 and 3-5 and add new claims 15-18 as follows:

1-5. (canceled)

6. (original)   A printing system comprising a computer and a printer,

said computer including a plurality of printer drivers provided for different emulations, respectively, said computer further including a computer environment determining section which determines an environment of said computer and a printer environment determining section which determines an environment of said printer based on information sent from said printer, said computer further including a printer driver selecting section which compares the environments of said computer and said printer to select one of said printer drivers based on a result of the comparison, so that image data is processed by said selected one of said printer drivers and sent to said printer, and

said printer including a printer environment measuring section which measures an environment of said printer and notifies it as said information to said printer environment determining section of the computer, said printer further including an emulation judging section which judges one of said emulations corresponding to said selected one of said printer drivers, and an emulation section which processes said image data according to said judged one of said emulations for printing.

7. (original)   The printing system according to claim 6, wherein said computer environment determining section comprises a computer free memory size determining section which determines a free memory size of said computer for storing therein the image data, and said printer environment determining section comprises a printer free memory size determining section which determines a free memory size of said printer based on the information sent from said printer wherein said printer driver selecting section compares a size of the image data and the free memory sizes of said computer and said printer to select one of said printer drivers based on the result of the comparison, and wherein said printer environment measuring section comprises a printer free memory size measuring section which measures a free memory size of

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said printer for storing therein the image data and notifies it as said information to said printer free memory size determining section of the computer.

8. (original)   The printing system according to claim 7, wherein the number of said printer drivers is at least two, wherein according to one of said printer drivers, the printing system is controlled such that one-page image data is sent from the computer to the printer, then the printer implements bit-mapping of the received image data for printing, and wherein according to the other printer driver, the printing system is controlled such that bit-mapped image data is sent from the computer to the printer which implements printing in parallel with receiving the bit-. mapped image data from the computer.

9. (original)   The printing system according to claim 6, wherein said computer environment determining section comprises a computer data transfer speed determining section which determines a data transfer speed when the image data is transferred from said computer to said printer, and said printer environment determining section comprises a printer free memory size determining section which determines a free memory size of said printer based on the information sent from said printer, wherein said printer driver selecting section makes a comparison based on a size of the image data, the free memory size of said printer and said data transfer speed to select one of said printer drivers based on the result of the comparison, and wherein said printer environment measuring section comprises a printer free memory size measuring section which measures a free memory size of said printer for storing therein the image data and notifies it as said information to said printer free memory size determining section of the computer.

10. (original) The printing system according to claim 9, wherein the number of said printer drivers is at least two, wherein according to one of said printer drivers, the printing system is controlled such that one-page image data is sent from the computer to the printer, then the printer implements bit-mapping of the received image data for printing, and wherein according to the other printer driver, the printing system is controlled such that bit-mapped image data is sent

from the computer to the printer which implements printing in parallel with receiving the bit-mapped image data from the computer.

11. (original)   The printing system according to claim 6, wherein said computer environment determining section comprises a computer drawing capability determining section which determines a drawing speed of said computer upon drawing the image data, and said printer environment determining section comprises a printer drawing capability determining section which determines a drawing speed of said printer based on the information sent from said printer, wherein said printer driver selecting section compares the drawing speed of said computer and the drawing speed of said printer to select one of said printer drivers based on the result of the comparison, and wherein said printer environment measuring section comprises a printer drawing speed measuring section which measures a drawing speed of said printer upon drawing the image data and notifies it as said information to said printer drawing capability determining section of the computer.

12. (original)   The printing system according to claim 11, wherein the number of said printer drivers is at least two, wherein according to one of said printer drivers, the printing system is controlled such that one-page image data is sent from the computer to the printer, then the printer implements bit-mapping of the received image data for printing, and wherein according to the other printer driver, the printing system is controlled such that bit-mapped image data is sent from the computer to the printer which implements printing in parallel with receiving the bit-mapped image data from the computer.

13. (original)   The printing system according to claim 6, wherein said computer environment determining section comprises an intermediate metafile analyzing section which derives an evaluation size of an intermediate metafile of the image data, and said printer environment determining section comprises a printer free memory size determining section which determines a free memory size of said printer based on the information sent from said printer, wherein said printer driver selecting section compares the evaluation size of said intermediate metafile and the free memory size of said printer to select one of said printer drivers based on the result of the

comparison, and wherein said printer environment measuring section comprises a printer free memory size measuring section which measures a free memory size of said printer for storing therein the image data and notifies it as said information to said printer free memory size determining section of the computer.

14. (original) The printing system according to claim 13, wherein the number of said printer drivers is at least two, wherein according to one of said printer drivers, the printing system is controlled such that one-page image data is sent from the computer to the printer, then the printer implements bit-mapping of the received image data for printing, and wherein according to the other printer driver, the printing system is controlled such that bit-mapped image data is sent from the computer to the printer which implements printing in parallel with receiving the bit-mapped image data from the computer.

15. (new) A printing system comprising:

a computer and a printer, said computer including a plurality of printer drivers respectively corresponding to different emulations; and

a printer driver selecting section which performs a comparison on the basis of at least an image data size, a free memory size of said computer and a free memory size of said printer, and selects one of said plurality of printer drivers based on a result of said comparison, wherein

said computer processes image data by using the selected printer driver and sends the processed image data to said printer;

said printer includes an emulation judging section which judges said emulation corresponding to the selected printer driver; and

said printer receives the processed image data from said computer and processes the received data by using the judged emulation.

16. (new) A printing system comprising:

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a computer and a printer, said computer including a plurality of printer drivers respectively corresponding to different emulations;

a data transfer speed determining section which determines a data transfer speed when image data is transferred from said computer to said printer; and

a printer driver selecting section which selects one of said plurality of printer drivers on the basis of the size of said image data, a free memory size of said printer and said data transfer speed, wherein

said computer processes said image data by using the selected printer driver and sends the processed image data to said printer;

said printer includes an emulation judging section which judges said emulation corresponding to the selected printer driver; and

said printer receives the processed image data from said computer and processes the received data by using the judged emulation.

17. (new) A printing system comprising:

a computer and a printer, said computer including a plurality of printer drivers respectively corresponding to different emulations;

a drawing capability determining means which determines a computer drawing capability and a printer drawing capability when image data is draw-processed respectively by said computer and said printer; and

a printer driver selecting section which selects one of said plurality of printer drivers on the basis of the determined computer drawing capability and the determined printer drawing capability, wherein

said computer processes said image data by using the selected printer driver and sends the processed image data to said printer;

said printer includes an emulation judging section which judges said emulation corresponding to the selected printer driver; and

said printer receives the processed image data from said computer, and processes the received data by using the judged emulation.

18. (new) A printing system comprising:

a computer and a printer, said computer including a plurality of printer drivers respectively corresponding to different emulations;

an intermediate metafile generating section which generates an intermediate metafile from image data;

an intermediate metafile analyzing section which analyzes an evaluation size of the generated intermediate metafile; and

a printer driver selecting section which selects one of said plurality of printer drivers on the basis of the analyzed evaluation size and a free memory size of said printer, wherein

said computer processes said image data by using the selected printer driver and sends the processed image data to said printer;

said printer includes an emulation judging section which judges said emulation corresponding to the selected printer driver; and

said printer receives the processed image data from said computer, and processes the received data by using the judged emulation.